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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/771,300	01/25/2001	Jar J. Lee	PD-99W059	9203

23915 7590 09/26/2003

PATENT DOCKET ADMINISTRATION  
RAYTHEON SYSTEMS COMPANY  
P.O. BOX 902 (E1/E150)  
BLDG E1 M S E150  
EL SEGUNDO, CA 90245-0902

EXAMINER

BLUM, THEODORE M

ART UNIT PAPER NUMBER

3662

DATE MAILED: 09/26/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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09-771,300	1-25-01	Lee	
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EXAMINER

ART UNIT

PAPER NO.

DATE MAILED:

9-26-03

### SECURITY ORDER

35 U.S.C. §§181-188

Including:

Permit for Disclosing Subject Matter to Government Employees and Other Specified Persons  
("Permit A")

The above-identified patent application contains subject matter the unauthorized disclosure of which would, in the opinion of the sponsoring defense agency be detrimental to the national security.

**ALL PRINCIPALS<sup>1</sup> IN THIS APPLICATION ARE ORDERED TO KEEP THE SUBJECT MATTER THEREOF IN SECURITY UNDER 35 U.S.C. §181.**

The subject matter of this application may not be published or disclosed to any person except as specifically authorized herein or subsequently authorized by written modification of this Security Order granted by the Commissioner of Patents & Trademarks (see 37 CFR §5.5).

Unauthorized publication or disclosure of the subject matter of this patent application may result in abandonment of the application (35 U.S.C. §182) and additionally subject the person publishing or disclosing the subject matter to the penalties of 35 U.S.C. §186.

<sup>1</sup> "Principals" include all patent applicants, their heirs, assignees, licensees and their attorneys and agents.

The subject matter of this application must be safeguarded under conditions that will provide adequate protection and prevent access by unauthorized persons. When copies of the subject matter are no longer needed, they should be destroyed by a method that will prevent disclosure of the contents or reconstruction of the document.

The subject matter of this application may not be disclosed to any person except as authorized herein without written modification of this Secrecy Order by the Commissioner of Patents & Trademarks.

Any other patent application already or hereafter filed in the U.S. or any foreign country which contains any significant part of the subject matter of the above-identified patent application also falls within the scope of this Order. If such other patent application is not currently under a Secrecy Order imposed by the U.S. Patent and Trademark Office, it and the common subject matter must be brought to the immediate attention of:

Commissioner of Patents  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450  
**Attn: Licensing and Review**

This Order should not be construed in any way to mean that the U.S. Government has adopted or contemplates adoption of the invention disclosed in this application and it is not any indication of the value of such invention. Additionally, this Order is not an indication in and of itself that the subject matter of this application is or should be classified.

This Secrecy Order was recommended to the Commissioner of Patents & Trademarks by the following sponsoring defense agency:

( ) ARMY

( ) NAVY

(X) AIR FORCE

Questions regarding the reasons for imposing this Secrecy Order should be directed to the sponsoring defense agency. A contact for each defense agency is attached. Questions regarding the substantive examination of the patent application should be directed to the patent examiner, and questions pertaining to the administrative handling of the application or the Secrecy Order should be directed to the Licensing and Review Branch of the Patent & Trademark Office.

**Permit for Disclosing to Government Employees and Other Specified Persons**  
**("Permit A")**


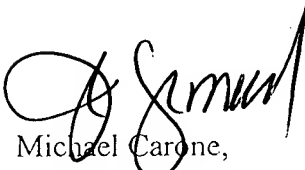
The principals designated in this Order are authorized to disclose the subject matter to any person of the classes hereafter specified if such person is known to the principal disclosing to be concerned directly in an official capacity with the subject matter, provided that all

reasonable safeguards are taken to otherwise protect the invention from unauthorized disclosure. The specified classes are:

- a. any officer or employee of any department, independent agency or bureau of the Government of the United States; or
- b. any person designated specifically by the head of any department, independent agency or bureau of the Government of the United States, or by his duly authorized subordinate, as a proper individual to receive the subject matter.

Principals under this Order are further authorized to disclose the subject matter of this application to the minimum necessary number of persons of known loyalty and discretion, employed by or working with the principals or their licensees and whose duties involve cooperation in the development, manufacture or use of the subject matter by or for the Government of the United States, provided such persons are advised of the issuance of this Order.

The provisions of this permit do not in any way lessen responsibility for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and national security.



Michael Carone,  
Licensing & Review Administrator  
U. S. Patent & Trademark Office